Translation



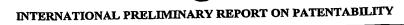
PCT

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY (Chapter II of the Patent Cooperation Treaty)

D ? DEC 2004

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference P26629/WO Kf	FOR FURTHER ACTION	ON	See Form PCT/IPEA/416	
International application No. PCT/EP2003/004465	International filing date (a 29 April 2003 (2)		Priority date (day/month/year) 14 June 2002 (14.06.2002)	
International Patent Classification (IPC) or H04B 17/00	national classification and II	PC	·.	
Applicant R	OHDE & SCHWARZ	GМВН & CO.	KG	
This report is the international pre Authority under Article 35 and tra	liminary examination report, nsmitted to the applicant acc	established by the cording to Article 3	s International Preliminary Examining 36.	
2. This REPORT consists of a total of 4 sheets, including this cover sheet.				
 This report is also accompanied by ANNEXES, comprising: a. (sent to the applicant and to the International Bureau) a total of sheets, as follows: 				
sheets of the description, claims and/or drawings which have been amended and are the basis of this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions).				
beyond the disclosure in the international application as filed, as indicated in non-time of supplemental Box. Supplemental Box.				
b. (sent to the International Bureau only) a total of (indicate type and number of electronic carrier(s)), containing a sequence listing and/or tables related thereto, in computer readable form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the Administrative Instructions).				
4. This report contains indications	relating to the following item	ns:		
Box No. I Basis of th	x No. I Basis of the report			
Box No. II Priority				
		ard to novelty, inv	rentive step and industrial applicability	
Box No. IV Lack of unity of invention Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability			ovelty, inventive step or industrial applicability;	
citations and explanations supporting such statement				
Box No. VI Certain documents cited Box No. VII Certain defects in the international application				
Box No. VIII Certain observations on the international application				
Date of submission of the demand		Date of completi	on of this report	
16 October 2003 (16	6.10.2003)	2	23 March 2004 (23.03.2004)	
Name and mailing address of the IPEA	/EP	Authorized offic	er	
Facsimile No.		Telephone No.		





Box No.		is of the report				
1. With r	 With regard to the language, this report is based on the international application in the language in which it was filed, unless otherwise indicated under this item. 					
	This rep	ort is based on translations from the original language into the following language of a translation furnished for the purpose of:	language,			
	int	ernational search (under Rules 12.3 and 23.1(b))				
	pu pu	blication of the international application (under Rule 12.4)				
	int	ernational preliminary examination (under Rules 55.2 and/or 55.3)				
furnis	hed to th re not an	o the elements of the international application, this report is based on (e receiving Office in response to an invitation under Article 14 are referred nexed to this report):	replacement sheets which have been I to in this report as "originally filed"			
		rnational application as originally filed/furnished	·			
\bowtie	the desc	ription: 1-10	, as originally filed/furnished			
1	pages	received by this Authority on				
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1 4	a seque	nce listing and/or any related table(s) = see supplemental 2011	· -			
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3.	The an	nendments have resulted in the cancellation of:				
1		he description, pages				
•		the claims, Nos.				
1		the drawings, sheets/figs	•			
1		the sequence listing (specify):				
ŀ	同	any table(s) related to sequence listing (specify):				
i			•			
4.	made, (Ruie	eport has been established as if (some of) the amendments annexed to this since they have been considered to go beyond the disclosure as filed, a 70.2(c)). the description, pages	report and listed below had not been as indicated in the Supplemental Box			
-	H	any table(s) related to sequence listing (specify):				
	لــا	<u> </u>				
* If	item 4 ap	plies, some or all of those sheets may be marked "superseded."				



INTERNATIONAL PRELIT ARY EXAMINATION REPORT

Internal	application No.
PCT) P	03/04465

V.	Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability;
	citations and explanations supporting such statement

YES
NO ·
YES
NO NO
YES
NO NO

- 2. Citations and explanations
 - 1. Reference is made to the following documents:
 - D1: US-B1-6 219 340 (NEELEY JOHN E ET AL) 17 April 2001 (2001 - 04 - 17)
 - D2: EP-A-1 304 822 (ADVANTEST CORP) 23 April 2003 (2003-04-23) & WO 01/095535 13 December 2001 (in Japanese)
 - 2. The application relates to a method for displaying the power levels for code channels of a CDMA signal that contains code channels with different spreading factors and to a signal analyzer (claim 7).

The closest prior art is document D1 (see the description, pages 1 and 2).

3. Problem: Distinguishing a power level that is actually originating from an active code channel from an "alias power level", in other words, making it possible to measure the power level for a code channel with a higher spreading code.

Solution: The above problem is solved by identifying code channels having an alias power level when the code channel with the base spreading factor is inactive and a corresponding code channel with a higher spreading factor is active.

4. Although the inactive code channels are represented in the signal analyzer known from document D1, the code channels with an alias power level are not identified.

This feature is also not known from or suggested by the other search report citations.

Document D2 discloses the calculation and representation of a signal power coefficient and of a noise power coefficient of a CDMA signal for each channel.

Therefore, the subject matter of claims 1 and 7 is novel and inventive and thus satisfies the requirements of PCT Article 33(2) and (3).